



LMX-2

Patent Pending

ACTIVE LINE MULTIPLEXER



National Antenna Systems, L.L.C.

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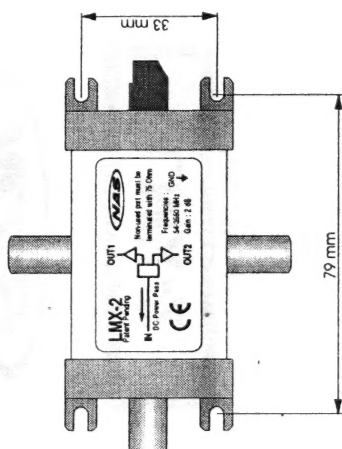
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09/06

MOUNTING DIMENSIONS



TECHNICAL SPECIFICATIONS

Number of outputs	2
Frequency range	54 - 3550 MHz
Gain	2 dB ± 2 dB @ 950 - 3550 MHz
* Satellite	2 dB ± 2 dB
* Terrestrial	± 0.5 dB Max. @ 24 MHz
Flatness	< 12.0 dB
Noise Figure	0 dBm @ 950 - 3550 MHz
Max. Output Level	48 dBmV
* Satellite (IM3, 35 dB / 2 carriers)	
* Terrestrial (IM3, 54 dB / 2 carriers)	

Input Return Loss	> 8.0 dB, Typ. 10.0 dB
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Isolation between outputs	Typ. 20 dB
DC power pass	500 mA Max.
Input DC Voltage	10 VDC Min., 24 VDC Max.
Power Consumption	120 mA
Environmental requirement	Indoor use
Connectors	*F* High Quality, conical seize
Dimensions	100 mm x 69 mm x 23 mm

Non-used port must be terminated with 75 Ohm